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Study Information For Product Registration - Section 3 7969-132

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MRID	Citation	Receipt Date
23691	Heenehan, P.R.; Rinehart, W.E.; Braun, W.G. (1978) A Dermal Sensitization Study in Guinea Pigs: Compound: Banvel 45, Banvel Technical: Project No. 5055-78. (Unpublished study received Mar 6, 1979 under 876-36; prepared by Bio/Dynamics, Inc., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:237995-A)	06-Mar-1979
25363	Whitacre, D.M.; Diaz, L.I.; Schnur, P.; et al. (1976) Metabolism of 14C-Dicamba in Female Rats: Report No. 180068, No. 1. (Unpublished study received Aug 31, 1976 under 876-36; submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:225558-A)	31-Aug-1976 20-Apr-1981
25372	Wazeter, F.X.; Goldenthal, E.I.; Dean, W.P. (1974) Acute Toxicity Studies in Rats and Rabbits: IRDC No. 163-295. (Unpublished study received Sep 29, 1977 under 876-36; prepared by International Research and Development Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:231941-A)	29-Sep-1977
25373	Wazeter, F.X.; Goldenthal, E.I.; Jessup, D.C.; et al. (1977) Pilot Teratology Study in Rabbits: IRDC No. 163-436. (Unpublished study received Oct 25, 1977 under 876-36; prepared by International Research and Development Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232102-C)	25-Oct-1977
25374	University of Cincinnati (1962) The Feeding for Two Years of the Herbicide 2-Methoxy-3,6-dichlorobenzoic acid to Rats: Appendix V: The Histopathology of Male and Female Rats Fed for Two Years on Diets Containing 2-Methoxy-3,6-dichlorobenzoic acid. (Unpublished study received Jun 30, 1977 under 876-36; prepared by Dept. of Preventive Medicine and Industrial Health, Kettering Laboratory, submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232390-A)	30-Jun-1977
25375	Fletcher, D.; Smith, P.S. (1973) Report to Velsicol Chemical Corporation: Toxicity, Reproduction and Residue Study with Dicamba in White Leghorn Chickens: IBT No. 651-03279. (Unpublished study received Jun 30, 1977 under 876-36; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232393-A)	30-Jun-1977 11-Sep-1981 20-Apr-1981
25376	Andersen, K.J.; Leighty, E.G.; Takahashi, M.T. (1967?) Evaluation of Herbicides for Possible Mutagenic Properties. (Unpublished study received Jun 30, 1977 under 876-36; prepared by Battelle Memorial Institute, Columbus Laboratories, submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232392-A)	30-Jun-1977
25377	Velsicol Chemical Corporation (1961?) The Toxicological Investigation of 2-Methoxy-3,6-dichlorobenzoic acid. (Unpublished study received Jun 30, 1977 under 876-36; CDL:232391-A)	30-Jun-1977
25390	Vilkas, A.G. (1977) The Acute Toxicity of Banvel Technical to the Sheepshead Minnow, Cyprinodon variegatus: UCES Proj. # 11506-03-19. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Union Carbide Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232965-B)	27-Feb-1978

25391	Beavers, J.B.; Fink, R.; Brown, R. (1977) Eight-Day Dietary LC50-- Bobwhite Quail: Banvel Technical: Final Report: Project No. 107- 149. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Wildlife International, Ltd. in cooperation with Washington College, submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232965-F)	27-Feb-1978
25392	Beavers, J.B.; Fink, R.; Brown, R. (1977) Acute Oral LD50--Mallard Duck: Banvel Technical: Final Report: Project No. 107-151. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Wildlife International, Ltd. in cooperation with Washington College, submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL: 232695-G)	27-Feb-1978 27-May-1986 31-May-1988
28233	Hathaway, D. (1971) Report to Velsicol Chemical Corporation: Acute Aerosol Inhalation Toxicity Study with Banvel D (Technical) in Albino Rats: IBT No. N9231. (Unpublished study received Mar 6, 1979 under 876-36; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL: 237995-B)	06-Mar-1979
28234	Wazeter, F.X.; Goldenthal, E.I.; Dean, W.P.; et al. (1973) Acute Inhalation Exposure in the Male Albino Rat: IRDC No. 163-191. (Unpublished study received Mar 6, 1979 under 876-36; prepared by International Research and Development Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:237995-C)	06-Mar-1979
28235	Dean, W.P.; Jessup, D.C.; Thompson, G.; et al. (1978) Primary Skin Irritation Study in the Albino Rabbit: Banvel D (Tech.): IRDC No. 163-656. (Unpublished study received Mar 6, 1979 under 876-36; prepared by International Research and Development Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:237995-D)	06-Mar-1979
28236	Goldenthal, E.I.; Jessup, D.C.; Rodwell, D.E. (1978) Teratology Study in Rabbits: IRDC No. 163-436. (Unpublished study received Mar 6, 1979 under 876-36; prepared by International Research and Development Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:237995-E)	25-Sep-1979 06-Mar-1979
28265	Velsicol Chemical Corporation (1966) Assay of Banvel-D (IR Method). Undated method AM 0392. (Unpublished study received Jan 5, 1968 under 8F0725; CDL:091252-AB)	11-Jan-1971 05-Jan-1968 08-Feb-1979
28329	Green, C.R. (1978) Finished Product (Confidential Information). (Unpublished study received Apr 26, 1979 under 876-25; prepared by Witco Chemical Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:238229-A)	26-Apr-1979
28330	Green, C.R. (1979) Finished Product (Confidential Information). (Unpublished study received Apr 26, 1979 under 876-25; prepared by Witco Chemical Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:238229-B)	26-Apr-1979
28331	Raltech Scientific Services, Incorporated (1979) Report of Analyses. (Unpublished study received Apr 26, 1979 under 876-25; submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL: 238229-C)	26-Apr-1979
28332	Raltech Scientific Services, Incorporated (1979) Report of Analyses. (Unpublished study received Apr 26, 1979 under 876-25; submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL: 238229-D)	26-Apr-1979
28334	Velsicol Chemical Corporation (1979) ?Identification of the Product Banvel^(R) . (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-A)	08-Feb-1979
28335	Velsicol Chemical Corporation (19??) Description of Manufacturing Process: ?Banvell . (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-B)	08-Feb-1979

28336	Velsicol Chemical Corporation (19??) Simplified Reaction Scheme for the Synthesis of Technical Banvel [®] (R)I. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-C)	08-Feb-1979
28337	Velsicol Chemical Corporation (19??) ?Flow Diagrams Synthesis of Dichlorophenol and Technical Banvell. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-D)	08-Feb-1979
28338	Velsicol Chemical Corporation (1973) Raw Materials Specifications and Monitoring. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-E)	08-Feb-1979
28339	Velsicol Chemical Corporation (1972) Determination of Water in Re- covered Methanol by Specific Gravity (Hydrometer Method). Un- dated method AM 0224. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-F)	08-Feb-1979 20-Apr-1981
28340	Velsicol Chemical Corporation (1973) Karl Fischer Method for Mois- ture Content of Benzoic Acid. Undated method AM 5023. (Un- published study received Feb 8, 1979 under 876-36; CDL:237393-G)	08-Feb-1979 20-Apr-1981
28341	Velsicol Chemical Corporation (1971) Determination of APHA Color of Liquid and Solid Resins and Chemicals. Undated method AM 7051B. (Unpublished study including published data, received Feb 8, 1979 under 876-36; CDL:237393-H)	08-Feb-1979
28342	Velsicol Chemical Corporation (1972) Determination of the Melting Point of 1,2,4-Trichloro benzene. Undated method AM 0223. (Un- published study received Feb 8, 1979 under 876-36; CDL:237393-I)	08-Feb-1979 20-Apr-1981
28343	Velsicol Chemical Corporation (1970) Analysis of Caustic Soda. Un- dated method AM 5006. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-J)	08-Feb-1979
28344	Velsicol Chemical Corporation (19??) Muriatic Acid Test Method. Three undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-K)	08-Feb-1979
28345	Velsicol Chemical Corporation (19??) Muriatic Acid Test Method. (Unpublished study received Feb 8, 1979 under 876-36; CDL: 237393-L)	08-Feb-1979
28346	Velsicol Chemical Corporation (19??) High-Purity Muriatic Acid Specifications. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-M)	08-Feb-1979
28347	Velsicol Chemical Corporation (1977) Hydrolyzer Feed. Four undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-N)	08-Feb-1979
28348	Velsicol Chemical Corporation (19??) Composition of Technical Banvel [®] (R)I Intermediates. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-O)	08-Feb-1979
28349	Velsicol Chemical Corporation (1974) D-104-OH DCP Column Overhead. Four undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-P)	08-Feb-1979
28350	Velsicol Chemical Corporation (1974) D-201-BTMS and B-203 Storage. Three undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-Q)	08-Feb-1979
28351	Velsicol Chemical Corporation (19??) B-206 Carbonation Slurry. Undated method. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-R)	08-Feb-1979
28352	Velsicol Chemical Corporation (1977) D-220 BTMS. Two undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-S)	08-Feb-1979
28353	Velsicol Chemical Corporation (1977) B-212. Two undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL: 237393-T)	08-Feb-1979

28354	Velsicol Chemical Corporation (1971) Determination of Volatile Content. Undated method AM 0417A. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-U)	08-Feb-1979 20-Apr-1981
28355	Velsicol Chemical Corporation (1973) Dichlorosalicylic acid in Technical Banvel. Undated method AM 0577. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-W)	08-Feb-1979
28356	Velsicol Chemical Corporation (1974) Capillary Column Control Analysis for Methyl esters in Banvel (GC). Undated method AM 0582A. (Unpublished study received Feb 8, 1979 under 876-36; CDL: 237393-X)	08-Feb-1979
28357	Velsicol Chemical Corporation (1965) Determination of Alkali Insolubles in Banvel-D (Volumetric Centrifugal Method). Undated method AM 0229. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-Y)	08-Feb-1979
28358	Velsicol Chemical Corporation (1972) Determination of the Color of Banvel-D. Undated method AM 0233. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-AA)	08-Feb-1979 20-Apr-1981
28359	Warakowski, A.; Paluch, C.J.; Srnak, Z.; et al. (1977) Analysis of Technical Banvel: Report No. 1. Five undated methods. (Unpublished study received Feb 8, 1979 under 876-36; CDL:237393-AB)	08-Feb-1979
30103	Fletcher, D.; Gordon, D.E.; Arceo, R.J.; et al. (1978) Three-Month Status Report to Velsicol Chemical Corporation: 24-Month Chronic in Swiss White Mice: IBT No. 8580-10130. (Unpublished study received Mar 10, 1978 under 876-36; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:233348-A)	10-Mar-1978
31615	Robl, M.G. (1980) Twenty-Four Month Chronic Oral Toxicity and Carcinogenicity Study with Technical Banvel-Dicamba in Charles River CD-1 Mice (IBT Study No. 8580-10130): Pathology Summary. (Unpublished study received Apr 16, 1980 under 876-36; prepared by Experimental Pathology Laboratories, Inc., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:242223)	16-Apr-1980
34701	Velsicol Chemical Corporation (1978) ?Toxicity of Dicamba to Mice . (Unpublished study received Feb 27, 1978 under 876-36; CDL: 232965-A)	27-Feb-1978
34702	Vilkas, A.G. (1978) The Acute Toxicity of Banvel Technical to the Grass Shrimp, ~Palaemonetes pugio~?: UCES Proj. # 11506-03-17. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Union Carbide Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232965-C)	27-Feb-1978
34703	Vilkas, A.G. (1977) The Acute Toxicity of Banvel Technical to the Bluegill Sunfish, ~Lepomis macrochirus~Rafinesque: UCES Proj. # 11506-03-15. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Union Carbide Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232965-D)	27-Feb-1978
34704	Vilkas, A.G. (1978) The Acute Toxicity of Banvel Technical to the Fiddler Crab, ~Uca pugnator~?: UCES Proj. # 11506-03-18. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Union Carbide Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232965-E)	27-Feb-1978
34705	Velsicol Chemical Corporation (1978) (Toxicity of Dicamba to Mice). (Unpublished study received Apr 25, 1978 under 876-36; CDL: 233857-A)	25-Apr-1978
37638	Beavers, J.B.; Fink, R.; Brown, R. (1977) Eight-Day Dietary LC50-- Mallard Duck: Banvel Technical: Final Report: Project No. 107-150. (Unpublished study received Feb 27, 1978 under 876-36; prepared by Wildlife International, Ltd. in cooperation with	27-Feb-

	Washington College, submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232965-H)	1978
41272	Vilkas, A.G. (1977) The Acute Toxicity of Banvel Technical to the Rainbow Trout, <i>Salmo gairdneri</i> -Richardson: UCES Proj. # 11506-03-14. (Unpublished study received Dec 19, 1977 under 876-36; prepared by Union Carbide Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232574-A)	19-Dec-1977
52126	Vilkas, A.G. (1977) The Acute Toxicity of Banvel Technical to the Water Flea <i>Daphnia magna</i> -Straus: UCES Project # 11506-03-16. (Unpublished study received Dec 19, 1977 under 876-36; prepared by Union Carbide Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:232565-A)	31-May-1988 19-Dec-1977
63479	Smith, S.H. (1981) Teratology Study in Rats (FIFRA): Protocol No. P1363. (Unpublished study received Feb 17, 1981 under 876-36; prepared by Whittaker Corp., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:244742-A)	17-Feb-1981
94161	Velsicol Chemical Corporation (1977) ?Dicamba Mouse Carcinogenicity Study . (Compilation; unpublished study received Oct 25, 1977 under 876-36; CDL:232102-A)	25-Oct-1977
94162	Root, M.S. (1977) Pilot Teratology Study in Rabbits--Dicamba Technical. (Unpublished study received Oct 25, 1977 under 876-36; submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL: 232102-B)	25-Oct-1977
100611	Griffen, J.; Thompson, C. (1981) Acute Toxicity of Banvel Herbicide to Rainbow Trout (<i>Salmo gairdneri</i>): Static Acute Bioassay Report #27283. (Unpublished study received Apr 30, 1982 under 876-25; prepared by Analytical Bio Chemistry Laboratories, Inc., submitted by Velsicol Chemical Corp., Chicago, IL; CDL:247356-A)	30-Apr-1982 27-May-1986
108552	Stumph, M.; Cahill, W.; Atallah, Y. (1978) Organophosphorus Contamination of the Technical Banvel 2 Year Mouse Chronic Oral Study: Report 480068, No. 2. (Unpublished study received Mar 10, 1978 under 876-36; submitted by Velsicol Chemical Corp., Chicago, IL; CDL:233349-A)	10-Mar-1978
108553	Newell, G. (1978) Letter sent to C. Calo dated Feb 3, 1978: ?Mutagenic response to dicamba . SRI project 3493. (Unpublished study received Mar 10, 1978 under 876-36; prepared by SRI International, submitted by Velsicol Chemical Corp., Chicago, IL; CDL:233349-B)	10-Mar-1978
108554	Tiernan, T.; Taylor, M.; Erk, S.; et al. (1977) Analysis of Banvel for 2,7-Dichlorodibenzo-p-dioxin and 2,3,7,8-Tetrachlorodibenzo-p-dioxin. (Unpublished study received Mar 10, 1978 under 876-36; prepared by Wright State Univ., Brehm Laboratory, submitted by Velsicol Chemical Corp., Chicago, IL; CDL:233349-C)	10-Mar-1978
112897	Messerschmidt, M. (1982) Letter sent to R. Taylor dated Sep 1, 1982: Banvel Dicamba technical herbicide: Acute delayed neurotoxicity study. (Unpublished study received Sep 1, 1982 under 876-36; submitted by Velsicol Chemical Corp., Chicago, IL; CDL: 248246-A)	01-Sep-1982
125333	Goldenthal, E.; Jefferson, N. (1982) Dicamba: Lifetime Dietary Toxicity and Oncogenicity Study in Rats: 163-694. (Unpublished study received Feb 1, 1983 under 876-36; prepared by International Research and Development Corp., submitted by Velsicol Chemical Corp., Chicago, IL; CDL:249425-A)	01-Feb-1983
131290	Roberts, N.; Fairley, C.; Fish, C.; et al. (1983) The Acute Oral Toxicity (LD50) and Neurotoxic Effects of Dicamba in the Domestic Hen: HRC Report No. VCL 24/8355. (Unpublished study received Sep 22, 1983 under 876-36; prepared by Huntingdon Research Centre, Eng., submitted by Velsicol Chemical Corp., Chicago, IL; CDL:251443-A)	22-Sep-1983
143000	Ulrich, C. (1984) Letter sent to D. Arnold dated Dec 9, 1983: [Aerosol particle size distribution data: Banvel 45]. 31 p.	01-Oct-1984

143001	Simmon, V. (1979) 'In vitro' Microbiological Mutagenicity and Un- scheduled DNA Synthesis Studies of Eighteen Pesticides. Pre- pared by SRI International for U.S. Environmental Agency. avail- able from National Technical Information Service, PB80-133226. 178 P.	01-Oct-1984
143503	Velsicol Chemical Corp. (1984) Banvel Technical Dicamba Herbicide: Product Chemistry Data Submitted in Partial Fulfillment of Re- quirements of Dicamba. Unpublished compilation. 18 p.	15-Aug-1984
143567	Valencia, R. (1981) Mutagenesis Screening of Pesticides Drosophila. Prepared by Warf Institute, Inc. for the Environmental Protection Agency; available from National Technical Information Service. 80 p. EPA 600/1/-81/017.	05-Dec-1983 12-Dec-1984 02-Dec-1983 29-Aug-1984
144232	Thompson, G. (1984) Primary Eye Irritation Study in Albino Rabbits with Technical Dicamba, Lot 52625110: Study No: WIL-15134. Un- published study prepared by Wil Research Laboratories, Inc. 19 p.	21-Mar-1984
146150	Goldenthal, E. (1985) Lifetime Dietary Toxicity and Oncogenicity Study in Rats: Technical Dicamba: 163-694. Unpublished study prepared by International Research and Development Corp. 2101 p.	31-May-1985
146369	Hutchinson, C. (1984) Transfer Of Dicamba Residues To Tissues And Eggs Of Laying Hens: Final Report: Project No. 107-203. Unpub- lished study prepared by Wildlife International Ltd. 119 p.	20-Nov-1984
148127	Cahill, W.; Johnson, L. (1984) Determination of Dicamba Residue in Laying Hen Tissues and Eggs after a 28 Day Feeding Study: Pro- ject No. 480068. Unpublished study prepared by Velsicol Chemi- cal Corp. 98 p.	20-Nov-1984
152096	Simmon, V. (1979) In vitro Microbiological Mutagenicity and Unscheduled DNA Synthesis Studies of Eighteen Pesticides. Prepared by SRI International for the US EPA. Research Triangle Park, NC: US Environmental Protection Agency, Office of Research and Development, Health Effects Research Lab. EPA-600/1-79-041. 173 p .	12-Dec-1984
152856	Jones, D.; Simmon, V.; Mortelmans, K.; et al. (1981) In vitro Mutagenicity Studies of Environmental Chemicals: Final Report: SRI Project No. LSU-7558. Unpublished study prepared by SRI International. 6 p.	12-Dec-1984
159794	Beavers, J. (1985) Amendment to Report Acute Oral LD50 - Mallard Duck [Using] Banvel Technical: Final Report: Wildlife Interna- tional Ltd. Project No. 107-151. Unpublished study prepared by Wildlife International Ltd. 2 p.	27-May-1986
159795	Thompson, C. (1980) Static Bioassay Procedure for Determining the Acute Toxicity of Chemical Substances to Freshwater Fish: ABC Protocol No. 7601. Unpublished study prepared by Analytical Bio-Chemistry Laboratories, Inc. 14 p.	27-May-1986
40233500	Sandoz Crop Protection (1987) Submission of Residue Chemistry Data for Minor Use Import Tolerance of Banvel Technical Dicamba. Transmittal of 1 study.	18-May-1987
40233501	Armstrong, T.; Jimenez, N.; Cahill, W. (1987) Dicamba and 5-Hydroxy Dicamba Levels in Palm Oil: Laboratory Project I.D.: 480068-97. Unpublished compilation prepared by Monsanto Agricultural Co. in cooperation with Sandoz Crop Protection Corp. 160 p.	18-May-1987
40321100	Sandoz Crop Protection Corp. (1987) Submission of Dietary Toxicity Data for the Chemical, Dicamba. Transmittal of 2 studies.	28-Aug-1987
	Putman, D. (1986) (Dicamba) Chromosome Aberrations in Chinese Hamster Ovary	28-Aug-

40321101	(CHO) Cells: Laboratory Project I.D. T5245-337. Unpublished study prepared by Microbiological Associates, Inc. 28 p.	1987
40321102	Drench, G. (1986) (Dicamba) One Year Dietary Toxicity Study in Dogs: Laboratory Project I.D. 163-696. Unpublished study prepared by International Research and Development Corp. 268 p.	28-Aug-1987
40642800	Sandoz Crop Protection Corp. (1988) Submission of Data To Support the Registration of Banvel Herbicide: Residue Chemistry Data. Transmittal of 1 study.	31-May-1988
40642801	Butz, R. (1988) Uptake, Translocation and Metabolism of Dicamba Herbicide in Cotton after Fallow Application: Project No. 480065; Report No. 9. Unpublished study prepared by Sandoz Crop Protection Corp. 85 p.	31-May-1988
40872400	Sandoz Crop Protection Corp. (1988) Submission of Data To Support Dicamba Reregistration: Chronic/Oncogenicity Study. Transmittal of 1 study.	02-Nov-1988
40872401	Crome, S.; Stuart, V.; Anderson, A.; et al. (1987) Dicamba: Potential Tumorigenic Effects in Prolonged Dietary Administration to Mice: Report No. VCL 72/871205. Unpublished study prepared by Huntingdon Research Centre Ltd. 966 p.	02-Nov-1988
41187300	Sandoz Crop Protection Corp. (1989) Submission of Residue Data in Support of Dicamba herbicide Tolerance Petition. Transmittal of 1 study.	02-Aug-1989
41187301	Bade, T. (1989) Dicamba Residues in Corn Processing Fractions from a Pre-Harvest Application of Banvel: Laboratory Project ID: 480068: Report No. 104. Unpublished study prepared by Sandoz Crop Protection Corporation. 182 p.	02-Aug-1989
41972000	Sandoz Crop Protection Corp. (1991) Submission of environmental fate data in support of a registration standard for Dicamba. Transmittal of 1 study.	07-Aug-1991
41972001	Moore, P.; Butz, R. (1988) Confined Accumulation Studies of Dicamba on Rotational Crops After Spring Application: Lab Project Number 480065: 16. Unpublished study prepared by Sandoz Crop Protection Corp. 125 p.	07-Aug-1991
42429400	Sandoz Agro, Inc. (1992) Submission of toxicity data in support of the registration and tolerance petition for Technical Dicamba Herbicide. Transmittal of 1 study.	14-Apr-1992
42429401	Hoberman, A. (1992) Developmental Toxicity (Embryo-Fetal Toxicity and Teratogenic Potential) Study of Technical Dicamba Administered Orally via Capsule to New Zealand White Rabbits: Final Report: Lab Project Number: 1819-004. Unpublished study prepared by Argus Research Labs, Inc. 420 p.	14-Apr-1992
43140300	Sandoz Agro, Inc. (1994) Submission of product chemistry data in support of DCI for Dicamba acid. Transmittal of 14 studies.	01-Mar-1994
43140301	Pal, A. (1993) Color of Dicamba, Technical: Final Report: Lab Project Number: 480063: 22: DP/301306. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 12 p.	01-Mar-1994
43140302	Widlak, A. (1993) Physical State of Dicamba, Technical: Final Report: Lab Project Number: 480063: 25: DP/301035. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 12 p.	01-Mar-1994
43140303	Buck, B. (1993) Determination of Odor for Dicamba, Technical: Final Report: Lab Project Number: 480066: 133: DP/301340. Unpublished study prepared by Sandoz Formulation Lab. 19 p.	01-Mar-1994
43140304	Widlak, A. (1993) Melting Point of Dicamba, Technical: Final Report: Lab Project Number: 480063: 26: DP/301039. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 13 p.	01-Mar-1994
43140305	Widlak, A. (1993) Density of Dicamba, Technical: Final Report: Lab Project Number: 480063: 23: DP/301307. Unpublished study prepared by Sandoz Analytical Chemistry	01-Mar-

	Lab. 13 p.	1994
43140306	Naris, M. (1993) Solubility of Technical Dicamba in Solvents: Final Report: Lab Project Number: 480068: 114: DP/301257. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 35 p.	01-Mar-1994
43140307	Chen, H. (1994) Vapor Pressure of Dicamba Using the Thermal Evolution Analyzer: Final Report: Lab Project Number: 480063: 33: DP/301459. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 59 p.	01-Mar-1994
43140308	Bebel, J. (1993) Dissociation Constant of Dicamba: Final Report: Lab Project Number: 480063: 28: DP/301305. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 43 p.	01-Mar-1994
43140309	Fostiak, W.; Yu, C. (1987) Determination of the n-octanol/water Partition Coefficient for Dicamba: Lab Project Number: 480065/7. Unpublished study prepared by Sandoz Agro, Inc. 32 p.	01-Mar-1994
43140310	Pal, A. (1993) pH of Dicamba, Technical: Final Report: Lab Project Number: 480063: 24: DP/301308. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 19 p.	01-Mar-1994
43140311	Pal, A. (1993) Oxidizing or Reducing Action of Dicamba, Technical: Final Report: Lab Project Number: 480063: 35: DP/301355. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 38 p.	01-Mar-1994
43140312	Srnak, Z. (1993) Explodability of Dicamba, Technical: Final Report: Lab Project Number: 480063: 34: DP/301358. Unpublished study prepared by Stresau Laboratory Inc. 23 p.	01-Mar-1994
43140313	Rozek, A.; Cannan, T. (1987) Chemical Stability Study--Banvel: Lab Project Number: 480069/6. Unpublished study prepared by Sandoz Agro, Inc. 7 p.	01-Mar-1994
43140314	Srnak, Z. (1994) Corrosivity of Dicamba, Technical: Final Report: Lab Project Number: 480063: 40: DP/301460. Unpublished study prepared by Sandoz Analytical Chemistry Lab. 20 p.	01-Mar-1994
43231100	Sandoz Agro, Inc. (1994) Submission of Product Chemistry Data, Toxicity Data and Residue Chemistry Data for SAN 1275H in Support of an Experimental Use Permit. Transmittal of 15 studies.	11-May-1994
43231101	Bryant, J. (1994) SAN1275 H Product Identity and Composition: Lab Project Number: 050994-1: 050994-1-C. Unpublished study prepared by Sandoz Agro, Inc. 75 p.	11-May-1994
43231102	Bryant, J. (1994) SAN 1275 H Analysis and Certification of Product Ingredients: Lab Project Number: 050994-2. Unpublished study prepared by Sandoz Agro, Inc. 21 p.	11-May-1994
43231103	Pal, A. (1994) Physical State of SAN 1275 H 300 CS 403 DP: Laboratory Final Report: Lab Project Number: 414303-1: DP 301359. Unpublished study prepared by Sandoz Agro, Inc. 14 p.	11-May-1994
43231104	Widlak, A. (1994) Density of SAN 1275 H 300 CS 403 DP: Laboratory Final Report: Lab Project Number: 414303-3: DP-301382: AC-175. Unpublished study prepared by Sandoz Agro, Inc. 14 p.	11-May-1994
43231105	Widlak, A. (1994) pH of SAN 1275 H 300 CS 403 DP: Laboratory Final Report: Lab Project Number: 414303-4: DP-301383. Unpublished study prepared by Sandoz Agro, Inc. 19 p.	11-May-1994
43231106	Pal, A. (1994) Flash Point of SAN 1275 H 300 CS 403 DP: Laboratory Final Report: Lab Project Number: 414303-2: AC-177: DP 301360. Unpublished study prepared by Sandoz Agro, Inc. 14 p.	11-May-1994
	Chen, H. (1994) Brookfield Viscosity of SAN 1275 H 300 CS 403 DP: Laboratory Final	

43231107	Report: Lab Project Number: 414303-6: DP-301495. Unpublished study prepared by Sandoz Agro, Inc. 13 p.	11-May-1994
43231108	Srnak, Z. (1994) Corrosivity of SAN 1275 H 300 CS 403 DP: Laboratory Final Report: Lab Project Number: 414303-5: DP 301456. Unpublished study prepared by Sandoz Agro, Inc. 20 p.	11-May-1994
43231109	Jimenez, N. (1994) Crop Residue Study with SAN-1275H Dicamba Formulation on Corn: Laboratory Final Report: Lab Project Number: 131/93/01: 480068-123: DP-301489. Unpublished study prepared by MVT Labs., Inc. 664 p.	11-May-1994
43231110	Shults, S.; Laveglia, J. (1993) Acute Oral Toxicity Study in Rats with SAN 1275 H: Lab Project Number: 5439-92-0355-TX-001: 92-0355: SAN 1275 H. Unpublished study prepared by Ricerca, Inc., Dept. of Tox. & Animal Metabolism. 26 p.	11-May-1994
43231111	Shults, S.; Laveglia, J. (1993) Acute Dermal Toxicity Study in Albino Rabbits with SAN 1275 H: Lab Project Number: 5439-92-0356-TX-001: 92-0356. Unpublished study prepared by Ricerca, Inc., Dept. of Tox. & Animal Metabolism. 27 p.	11-May-1994
43231112	Hoffman, G. (1993) An Acute (4-Hour) Inhalation Toxicity Study of SAN 1275 H CS in the Rat via Nose-Only Exposure: Final Report: Lab Project Number: 93-5130. Unpublished study prepared by Pharmaco LSR Inc. 72 p.	11-May-1994
43231113	Shultz, S.; Laveglia, J. (1993) Primary Eye Irritation Study in Albino Rabbits with SAN 1275 H: Lab Project Number: 92-0357: 5439-92-0357-TX-001. Unpublished study prepared by Ricerca, Inc., Dept. of Tox. & Animal Metabolism. 31 p.	11-May-1994
43231114	Shultz, S.; Laveglia, J. (1993) Primary Dermal Irritation Study in Albino Rabbits with SAN 1275 H: Lab Project Number: 92-0358: 5439-92-0358-TX-001. Unpublished study prepared by Ricerca, Inc., Dept. of Tox. & Animal Metabolism and Sandoz Agro, Inc. 19 p.	11-May-1994
43231115	Shultz, S.; Brock, A.; Laveglia, J. (1993) Dermal Sensitization Study (Closed-Patch Repeated Insult) in Guinea Pigs with SAN 1275 H: Lab Project Number: 92-0359: 5439-92-0359-TX-001. Unpublished study prepared by Ricerca, Inc., Dept. of Tox. & Animal Metabolism. 42 p.	11-May-1994
43425800	Sandoz Agro, Inc. (1994) Submittal of Product Chemistry and Residue Data in Support of Registration Standard of Dicamba. Transmittal of 3 Studies.	26-Oct-1994
43425801	Bryant, J. (1994) IPA Salt of Dicamba Product: Identity and Composition: Lab Project Number: 100594-1. Unpublished study prepared by Sandoz Agro, Inc. 29 p.	26-Oct-1994
43425802	Bryant, J. (1994) Isopropylamine Salt of Dicamba: Analysis and Certification of Product Ingredients: Lab Project Number: 100594-2-C. Unpublished study prepared by Sandoz Agro, Inc. 21 p.	26-Oct-1994
43425803	Clouser, A. (1994) Crop Residue Study with Dicamba Formulations on Asparagus: Final Report: Lab Project Number: 480068: 131: DP-301623. Unpublished study prepared by Sandoz Agro, Inc. 590 p.	26-Oct-1994
45407700	BASF Corporation (2001) Submission of Product Chemistry Data in Support of the Registration of Dicamba Technical. Transmittal of 1 Study.	15-May-2001
45407701	Graben, M. (2001) Dicamba Technical: Analysis and Certification of Product Ingredients: Lab Project Number: 2001/5001425. Unpublished study prepared by BASF Corporation. 22 p.	15-May-2001
45814500	BASF Corporation (2002) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Dicamba Technical. Transmittal of 1 Study.	09-Dec-2002
45814501	Ratray, N. (2002) Dicamba Tech (SAN 837 Tech) 28 Day Dermal Toxicity Study in Rats: Lab Project Number: 2002/504466: CTL/LR0594/REGULATORY/REPORT.	09-Dec-

	Unpublished study prepared by Syngenta Limited. 926 p. {OPPTS 870.3200}	2002
46022300	BASF Corporation (2003) Submission of Toxicity Data in Support of the Registration of Dicamba Technical. Transmittal of 3 Studies.	20-Jun-2003
46022301	Hastings, C. (2003) Dicamba: Review of Recent Pharmacokinetic Studies and Discussion of Dose Level Selection for Chronic/Oncogenicity Study in Rats. Project Number: 2003/5000325. Unpublished study prepared by BASF Corp. 17 p.	20-Jun-2003
46022302	Beimborn, D.; Leibold, E. (2003) (Carbon 14)-Dicamba - Study on the Plasmakinetics in Rats after Repeated Oral Administration: Final Report. Project Number: 2003/1005488, 02B0439/026013. Unpublished study prepared by BASF Aktiengesellschaft. 87 p.	20-Jun-2003
46022303	Beimborn, D.; Leibold, E. (2003) (Carbon 14)-Dicamba - Study on the Effect of Probenecid on the Plasmakinetics in Rats: Final Report. Project Number: 02B0439/026014, 2003/1005489. Unpublished study prepared by BASF Aktiengesellschaft. 34 p.	20-Jun-2003
47373600	BASF Corporation (2008) Submission of Product Chemistry Data in Support of the Amended Registration of Dicamba Technical Herbicide. Transmittal of 1 Study.	13-Mar-2008
47373601	Schoop, T. (2007) Dicamba Technical: Batch Analysis- Determination of Active Ingredient and Contents of Various Impurities in Dicamba Technical (Including Amendment). Project Number: A67318, 2007/1003981. Unpublished study prepared by RCC Umweltchemie Ag. 79 p.	13-Mar-2008
47504700	BASF Corporation (2008) Submission of Product Chemistry and Toxicity Data in Support of the Reregistrations of the Dicamba Containing Products Dicamba Technical Herbicide and Banvel Herbicide. Transmittal of 9 Studies.	07-Aug-2008
47504701	Shults, S.; Brock, A.; Laveglia, J. (1995) Dermal Sensitization Study (Closed-patch Repeated Insult) in Guinea Pigs with Sodium Dicambate Technical. Project Number: 6236/94/0185/TX/001, 94/0185. Unpublished study prepared by Ricerca, Inc. 49 p.	07-Aug-2008
47504702	Ullmann, L.; Kroling, C.; Boni, C.; et al. (1991) Contact Hypersensitivity to Dicamba Techn. in Albino Guinea Pigs - Maximization-test. Project Number: 286626, 1991/12112. Unpublished study prepared by RCC Umweltchemie Ag and Biological Research Labs. Ltd. 46 p.	07-Aug-2008
47504703	Kilgour, J. (2001) Dicamba Tech. (SAN 837 Tech.): 4-Hour Acute Inhalation Toxicity Study in Rats. Project Number: HR2377, CTL/HR2377/REG/REPT, 2001/5003909. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 102 p.	07-Aug-2008
47504704	Kynoch, S. (1984) Acute Oral Toxicity to Rats of Banvel 480. Project Number: 83823/VCL/32/AC, 1984/5050. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 22 p.	07-Aug-2008
47504705	Kynoch, S. (1983) Acute Dermal Toxicity to Rats of Banvel 480. Project Number: 83775D/VCL/35/AC, 1983/5137. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 19 p.	07-Aug-2008
47504706	Liggett, M. (1983) Irritant Effects on the Rabbit Eye of Banvel 480. Project Number: 83730D/VCL/34/SE, 1983/5134. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 12 p.	07-Aug-2008
47504707	Liggett, M.; Seaber, J. (1983) Irritant Effects on Rabbit Skin of Banvel 480. Project Number: 83711D/VCL/33/SE, 1983/5132. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 11 p.	07-Aug-2008
47504708	Yacoub, R. (2001) BAS 671 00 H: Storage Stability and Corrosion Characteristics in Commercial Type Packaging: Final Report. Project Number: 98120, 2001/5001371. Unpublished study prepared by BASF Agro Research. 16 p.	07-Aug-2008

47504709	Beery, J.; Bebel, J.; Hsieh, T. (1993) Spectroscopic Data of Dicamba. Project Number: 48006386, DP/301374, 1993/5000195. Unpublished study prepared by Sandoz Agro, Inc. 17 p.	07-Aug-2008
47759400	BASF Corporation (2002) Submission of Toxicity Data in Support of the Reregistration of Dicamba Technical Herbicide. Transmittal of 2 studies.	27-May-2009
47759401	Johnson, I. (2002) Dicamba Tech. (SAN 837 Tech.): Acute Dermal Toxicity Study in the Rat. Project Number: CR3580, 2002/5004810. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 43 p.	27-May-2009
47759402	Johnson, I. (2002) Dicamba Tech. (San 837 Tech.): Skin Irritation Study in the Rabbit. Project Number: EB4965, 2002/5004813. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 23 p.	27-May-2009
47815100	BASF Corporation (2009) Submission of Fate Data in Support of the Reregistration of the Dicamba Containing Product Dicamba Technical Herbicide. Transmittal of 2 Studies.	29-Jul-2009
47815101	Porch, J.; Krueger, H.; Martin, K.; et al. (2009) BAS 183 09 H (Clarity): A Toxicity Test to Determine the Effects of the Test Substance on Seedling Emergence of Ten Species of Plants. Project Number: 147/235, 358585, 2009/7003130. Unpublished study prepared by Wildlife International, Ltd. 126 p.	29-Jul-2009
47815102	Porch, J.; Krueger, H.; Kendall, T.; et al. (2009) BAS 183 09 H (Clarity): A Toxicity Test to Determine the Effects of the Test Substance on Vegetative Vigor of Ten Species of Plants. Project Number: 147/236, 358586, 2009/7003309. Unpublished study prepared by Wildlife International, Ltd. 197 p.	29-Jul-2009
48001300	BASF Corporation (2010) Submission of Fate and Residue Data in Support of the Reregistration of Dicamba Technical Herbicide. Transmittal of 5 Studies.	03-Mar-2010
48001301	Stroemel, C.; Brockmann, A.; Teresiak, H. (2009) Effect of BAS 662 01 H on Seedling Emergence and Seedling Growth of Ten Species of Terrestrial Plants under Greenhouse Conditions. Project Number: 307709, 28/29/89, AC/BASF/08/13. Unpublished study prepared by Agro-Check. 179 p.	03-Mar-2010
48001302	Stroemel, C.; Brockmann, A.; Teresiak, H. (2009) Effect of BAS 662 01 H on Vegetative Vigour of Ten Species of Terrestrial Plants under Greenhouse Conditions. Project Number: 307710, 282992, AC/BASF/08/14. Unpublished study prepared by Agro-Check. 201 p.	03-Mar-2010
48001303	Saha, M. (2009) Method Validation of BASF Analytical Method D0902: The Determination of Residues of Dicamba (BAS 183 H) and its Metabolite, 5-Hydroxy Dicamba in Corn Matrices Using LC/MS/MS: Final Report. Project Number: 357998, 2009/7003067, D0902. Unpublished study prepared by BASF Agro Research. 77 p.	03-Mar-2010
48001304	Perez, R.; Tarkalanov, N.; Perez, S. (2010) Evaluation of 5-OH-Dicamba and 3,6-Dichlorosalicylic ACID (DCSA) FDA Multiresidue Method (MRM) Testing: Amended Final Report. Project Number: ADPEN/2K90508BAS, 357203, 2010/7002976. Unpublished study prepared by ADPEN Laboratories, Inc. 247 p.	03-Mar-2010
48001305	White, M. (2009) Magnitude of Dicamba Residues in Sweet Corn Following an Application of BAS 799 00 H (Status): Final Report. Project Number: 2009/7003026, 351572. Unpublished study prepared by BASF Agro Research and A.C.D.S. Research, Inc. and Midwest Research, Inc. 79 p.	03-Mar-2010
48081600	BASF Corporation (2010) Submission of Toxicity Data in Support of the Reregistration of Dicamba Technical Herbicide. Transmittal of 1 Study.	30-Apr-2010
48081601	Buesen, R.; Strauss, V.; Kuttler, K.; et al. (2010) BAS 183 H (Dicamba Techn.) - Immunotoxicity Study in Male Wistar Rats - Administration via the Diet for 4 Weeks:	30-Apr-

	(Part I of III: Report Section and Summary Tables). Project Number: 42S0267/97076, 2010/1039143. Unpublished study prepared by BASF SE. 183 p.	2010
49506600	BASF Corporation (2014) Submission of Product Chemistry Data in Support of the Registration of Dicamba Technical Herbicide. Transmittal of 1 Study.	12-Nov-2014
49506601	Birk, J. (2014) Dicamba Technical Herbicide- Dioxin and Furan Analysis. Project Number: 2014/7003447. Unpublished study prepared by Columbia Analytical Services. 44p.	12-Nov-2014
49836500	BASF and Monsanto Company (2016) Submission of Residue Data in Support of the Amended Registrations of Dicamba Technical Herbicide and Monsanto Dicamba Technical. Transmittal of 1 Study.	17-Feb-2016
49836501	Perez, R.; Adams, J.; Ratliff, A. (2016) Freezer Storage Stability of Dicamba and its Metabolites (5-OH-dicamba and DCSA) in Plant Matrices. Project Number: 429629, 2K13/903/429629, 2015/7006562. Unpublished study prepared by ADPEN Laboratories, Inc. 219p.	17-Feb-2016
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